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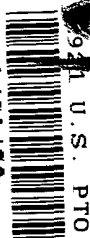
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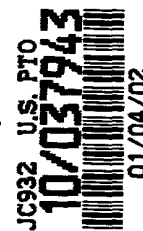
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SUGHRUE MION, PLLC

January 4, 2002

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Express Mail No. EF279159692US

Re: Application of Peter SATITPUNWAYCHA, Stefanie E. HARVEY, Kallol BERA
METHOD AND APPARATUS FOR CRITICAL FLOW PARTICLE
REMOVAL**Assignee: APPLIED MATERIALS, INC**

Our Ref. 004561 USA L/CPES/CORE/DV

Dear Sir:

Attached hereto is the application identified above comprising 13 sheets of the specification, including the claims and abstract and 5 sheet(s) of drawings. The executed Declaration and Power of Attorney and Assignment will be submitted at a later date.

The Government filing fee is calculated as follows:

Total claims	36	-	20	=	16	x	\$18.00	=	\$288.00
Independent claims	2	-	3	=		x	\$84.00	=	\$0.00
Base Fee									\$740.00

TOTAL FEE **\$1028.00**

Please charge the statutory filing fee of \$1028.00 to Deposit Account No. 19-4880. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
U.S. Provisional	60/259,843	January 4, 2001



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Commissioner for Patents

Page 2

Send correspondence to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052.

Direct telephone calls to:

Frank L. Bernstein
Phone: (650) 325-5800

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By: Frank L. Bernstein
Frank L. Bernstein
Registration No. 31,484

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Peter SATITPUNWAYCHA, Stefanie E. HARVEY, Kallol BERA

Filed: January 4, 2002

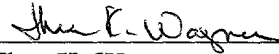
For: METHOD AND APPARATUS FOR CRITICAL FLOW PARTICLE REMOVAL

“EXPRESS MAIL” CERTIFICATE OF MAILING

I hereby certify that this paper and the attachments hereto are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 C.F.R. §1.10 on the date indicated below, addressed to the Commissioner for Patents, Washington, D.C. 20231.

Express Mail Certificate Number: EF279159692US

Date: January 4, 2002

Signed: 
Thea K. Wagner

EF 279159692 US

Enclosures

1. Application Data Sheet;
2. Application Transmittal Letter (original and 1 copy);
3. Application, including the specification (page 8), claims 1-36 (pages 9-12), and the Abstract (page 13); and
4. Drawings (5 sheets)